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August 26, 2003

ATTORNEY DOCKET NO. 04329.3119
CUSTOMER NO. 22,852

Mail Stop Patent Application

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

22387 U.S. PTO
10/647332
08/26/03

New U.S. Patent Application
Title: ELECTRONIC APPARATUS HAVING A CIRCULATING PATH OF
LIQUID COOLANT
Inventors' Names and Residences:

- 1) Kentaro TOMIOKA
Sayama-shi, Japan
- 2) Katsumi HISANO
Kashiwa-shi, Japan

Sir:

We enclose the following papers for filing in the United States Patent and Trademark Office in connection with the above patent application.

1. Application- 35 pages, including 4 independent claims and 22 claims total.
2. Drawings- 7 sheets of formal drawings containing 15 figures. (Figures 1-15).
3. Certified copy of Japanese Application No. 2002-245372, filed August 26, 2002.
4. Information Disclosure Statement and Information Disclosure Citation, PTO 1449 with 2 documents attached.

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5. The filing fee is calculated as follows:

Basic Application Filing Fee					\$750	\$ 750.00
	Number of Claims		Basic	Extra Claims		
Total Claims	22	-	20	2	x \$18	36.00.00
Independent Claims	4	-	3	1	x \$84	84.00
<input type="checkbox"/> Presentation of Multiple Dep. Claim(s)				+\$280		
Subtotal					\$ 870.00	
Reduction by 1/2 if small entity					-	
TOTAL APPLICATION FILING FEE					\$ 870.00	

6. Please charge Deposit Account No. 06-0916 in the amount of \$870.00 for the filing fee which includes:

\$750.00 filing fee; and
\$120.00 additional claims fee

This application is being filed under the provisions of 37 C.F.R. § 1.53(f).
Applicants await notification from the Patent and Trademark Office of the time set for filing the Declaration.

Applicants claim the right to priority based on Japanese Application No. 2002-245372, filed August 26, 2002.

Please address all correspondence with respect to this application to:

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1300 I Street, N.W.
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Please accord this application an application number and filing date.

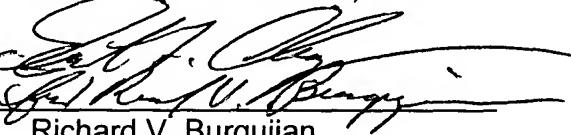
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The Commissioner is hereby authorized to charge any additional filing fees due and any other fees due under 37 C.F.R. § 1.16 or §1.17 during the pendency of this application to our Deposit Account No. 06-0916.

Respectfully submitted,

FINNEGAN, HENDERSON, FARABOW,
GARRETT & DUNNER, L.L.P.

By: 
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RVB/FPD/gah
Enclosures